Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. First & Final Bill ✓

Date: AEE, YSTSD

Division : EE (Yelehanka Division - Yelehanka Zone) Sub Division: Yelehanka Sub-Division SBR No: 168/20-21

Bill Received No..... Dated..... Cash Book Voucher No..... Dated..... Date: 25/3/2021

Scheduled Docket No.

Name of Work (as per Sanctioned Estimate): **Cmprehensive development of Roads and Drains at Maruthinagara 3rd main road, Mathru Layout, Someshwara nagara, Sharada Nagara and B sector in Wards No-01, 02 & 04 of Yelahanka Division (Package No - 04)**

Reference to Agreement No.: BBMP/EE/YNK.D/EPMT-04/AG/158/2020-21 Dated 31.12.2020

Work Order No.: BBMP/EE/YNK.D/EPMT-04/W.O/202/2020-21 Dated 31.12.2020

Job Code: 004-21-000034 Budget Head: Estimate Cost: Rs.1000 Lakhs

Name of the contractor & full address: **Sri Yogesha M/s Nandi Construction**
No. 3868, Shankarnagara, Mandya-571401

For M/s. NANDI CONSTRUCTION

Partners

Certified that the measurements were checked by me on 24/03/2021 and recorded of pages 495602 To 623

of Measurements Book No. 4957 and that the work is satisfactorily executed.

Contractor. Sri Yogesha M/s Nandi Construction

Officer in charge of the work

Certified that the measurements were taken by me on 24/03/2021 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account I have been actually brought to site of the work & the contractor has not previously received any advance of this section. The materials are of an imperishable nature & are all required for immediate use on the work in connection with items for which rates for finished work have been agreed upon. A formula agreement signed & executed by the contractor is recorded is Division office.

Asst. Executive Engineer
Yelahanka Sub. Divison

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಬಿ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1. Total value of work done / supplies made as per Account within
2. Deduct amount to be held reserve present Rs
3. Balance
4. Deduct payment:
   a). Amount of previous payment as in the office Cash Book Voucher No Date S.D.No.
   Amount adjusted towards cash advances recovery of
   b) Payments cost of store or other materials Supplied
   Now made recovery of amount creditable to this /other work
   Amount paid on this bill by cheque/cash
5. Balance, being unpaid value of work done hold in reserve.
6. Deduct cash advance made Division/Sub Divisional Cash book Vr. No. Date: less adjustments
7. Net amount due or from Contractor
   Unadjusted items
8. Advance to contractor for material brought to site (as detailed within)
9. Value if Government material supplied

Bill Amount	9,62,06,667=00
(+) GST	1,03,44,799=00
TOTAL	9,65,51,466=00
Less :	
I.Tax	17,24,134=00
SGST	8,62,067=00
CGST	8,62,067=00
BCWWC	9,65,514=00
CBF	9,655=00
ROYALTY	12,73,110=00
FINE	
FSD	20,00,000=00
OTHERS (Bonds)	4,03,500=00
TOTAL DEDUCTION	86,83,744=00
	8,78,67,722=00

For M/s. NANDI CONSTRUCTION

Partners

Received Rs.

by cash & adjustment of payment as per memorandum

Witness
1.
2.

Dated

Paid by me cheque No. dated

Cash Rs. dated

Initials of Officer making payment

For M/s. NANDI CONSTRUCTION

Partners

Signature of Contractor

Audited & Admitted for Rs. 9,65,51,466=00

Nine Crore Sixty five lakh fifty one thousand four hundred & Sixty Six

Executive Engineer 8,78,67,722=00 by Cheque

and Rs. 86,83,744=00 by adjustment

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Bruhat Bangalore Mahanagara Palike (BBMP)

Name of Work :- Comprehensive development of Roads and Drains at Maruthinagara 3rd main road, Mathru Layout, Someshwara nagara, Sharada Nagara and B sector in Wards No-01, 02 & 04 of Yelahanka Division (Package No - 04)

Job Code:004-21-000034

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. iii)Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar No. complete as per specifications and directions of the Engineer in charge.	Cum	61.56	461.18	28390.24	0.00	0.00	61.34	461.18	28291	61.34	28291
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete I. By Manual Means .B. Cement Concrete Grade M-15 & M-20 MORTH Specification No. 202. complete as per specifications and directions of the Engineer in charge.	Cum	462.00	690.41	318967.97	0.00	0.00	462.00	690.41	318968	462.00	318968
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	11276.32	215.25	2427227.88	0.00	0.00	11274.95	215.25	2426932	11274.95	2426932
4	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge.	Sqm	2079.72	116.84	242994.84	0.00	0.00	2079.72	116.84	242995	2079.72	242995

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
5	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and directions of the Engineer in charge.	Cum	1759.34	5691.91	10013989.29	0.00	0.00	1759.34	5691.91	10013989	1759.34	10013989
6	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specifications and directions of the Engineer in charge.	Cum	3346.94	7422.30	24841968.27	0.00	0.00	3346.94	7422.30	24841968	3346.94	24841968
7	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.	Tonne	198.85	75928.86	15098296.56	0.00	0.00	198.85	75928.86	15098297	198.85	15098297
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc . complete as per specifications and directions of the Engineer in charge (Data Rate)	Sqm	5561.74	2453.38	13645055.55	0.00	0.00	5561.74	2453.38	13645056	5561.74	13645056

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
9	Suply And Fixing precast concrete Slab 15cm thick including Cost Of reinforcement as per design and drawing materail cost transportation here Charge of Machinary cutting the vertical face to get plain even surface etc complete with all leads and lifts conveynce charges labour charges inclusive of cost of all materials and as per the directions of the Engineer-in-charge of the work	Sqm	420.60	2617.15	1100773.29	0.00	0.00	420.60	2617.15	1100773	420.60	1100773
10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc , complete as per specifications and directions of the Engineer in charge.	Sqm	179.88	5687.82	1023125.06	0.00	0.00	179.88	5687.82	1023125	179.88	1023125
11	Removing and resetting of kerb stones, complete as per specifications and directions of the Engineer in charge.	m	1936.00	110.17	213289.12	0.00	0.00	1934.70	110.17	213146	1934.70	213146
12	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.	Cum	244.31	6033.54	1474066.22	0.00	0.00	244.31	6033.54	1474066	244.31	1474066
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete as per specifications and directions of the Engineer in charge.	Nos	14957.00	454.02	6790777.14	0.00	0.00	14955.00	454.02	6789869	14955.00	6789869

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
14	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	3466.40	89.02	308578.93	0.00	0.00	3465.24	89.02	308476	3465.24	308476
15	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.	Cum	279.37	56.37	15748.09	0.00	0.00	277.93	56.37	15667	277.93	15667
16	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm	1591.50	43.40	69071.10	0.00	0.00	1591.50	43.40	69071	1591.50	69071
17	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge	Sqm	1699.50	6.68	11352.66	0.00	0.00	1699.50	6.68	11353	1699.50	11353
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge	Cum	61.82	2094.27	129467.77	0.00	0.00	61.24	2094.27	128257	61.24	128257

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge.	Cum	216.06	2100.94	453923.63	0.00	0.00	216.06	2100.94	453924	216.06	453924
20	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	945.90	23.37	22105.68	0.00	0.00	943.13	23.37	22041	943.13	22041
21	Providing and applying primer coat with S S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge	Sqm	3965.96	30.05	119177.17	0.00	0.00	3965.03	30.05	119149	3965.03	119149
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and directions of the Engineer in charge	Cum	198.30	6925.99	1373423.82	0.00	0.00	198.18	6925.99	1372565	198.18	1372565
23	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm	18172.88	5.56	101041.19	0.00	0.00	18172.88	5.56	101041	18172.88	101041

RA Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
24	Providing and applying tack coat using S0/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge.	Sqm	18172.88	13.35	242607.88	0.00	0.00	18172.88	13.35	242608	18172.88	242608
25	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and directions of the Engineer in charge.	Cum	727.31	8140.04	5920347.73	0.00	0.00	727.31	8140.04	5920348	727.31	5920348
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge.	Sqm	748.88	477.39	357505.44	0.00	0.00	748.41	477.39	357283	748.41	357283

RA Bill NO - 01 and Final (ABSTRACT)

Sl.No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
27	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastiiser @3lts confirming to IS9103-2008,mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers, compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine and cutine including cost of all materials,labour,hire	Cum	254.93	5470.47	1394559.56	0.00	0.00	254.93	5470.47	1394560	254.93	1394560
28	Road markers/ Road stud , Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33025/10-97-DO III Dt 11.06.1997 The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a maximum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nils and using epoxy resin based adhesive as per manufacture's recommendation and complete as per specifications and directions of the Engineer in charge.	Nos	434.00	375.01	162754.34	0.00	0.00	433.00	375.01	162379	433.00	162379

R A Bill NO - 01 and Final (ABSTRACT)

Sl No	Description of Work	Unit	As per Modified Estimate			Previous		Present			Upto Date	
			Qty.	Rate	Amt.	Quantity	Amount (Rs.)	Quantity	Rate	Amount (Rs.)	Quantity	Amount (Rs.)
1	2	3	4	5	6	7	8	9	5	10	11	12
	SUB TOTAL				87900586		0			87896196		87896196
	GST @ 12 % for Non SR Items			12%	8535669	12%	0		12%	8535243	12%	8535243
	TOTAL				96436256		0			96431439		96431439

CERTIFICATE

Certified that the work is done satisfactorily

For M/s. NANDI CONSTRUCTION

Contractor

Partners

Goely Consultancy Services Bangalore

Assistant Engineer

AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106